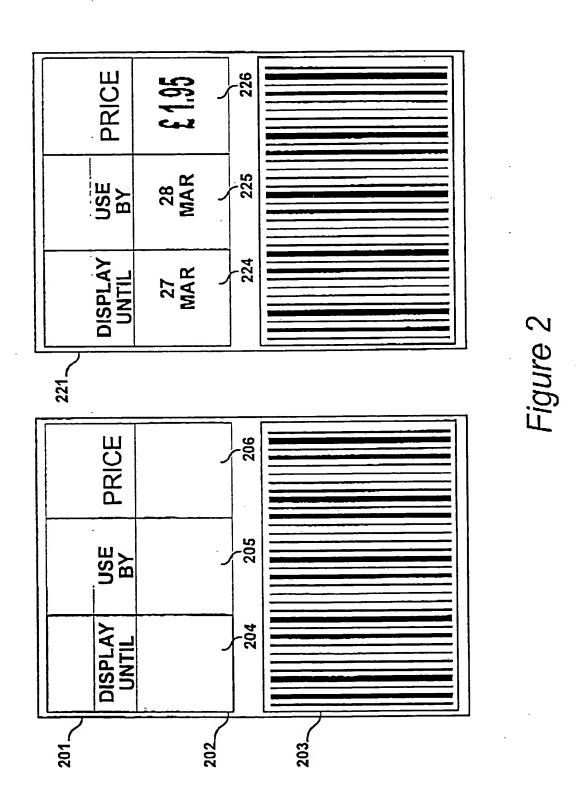
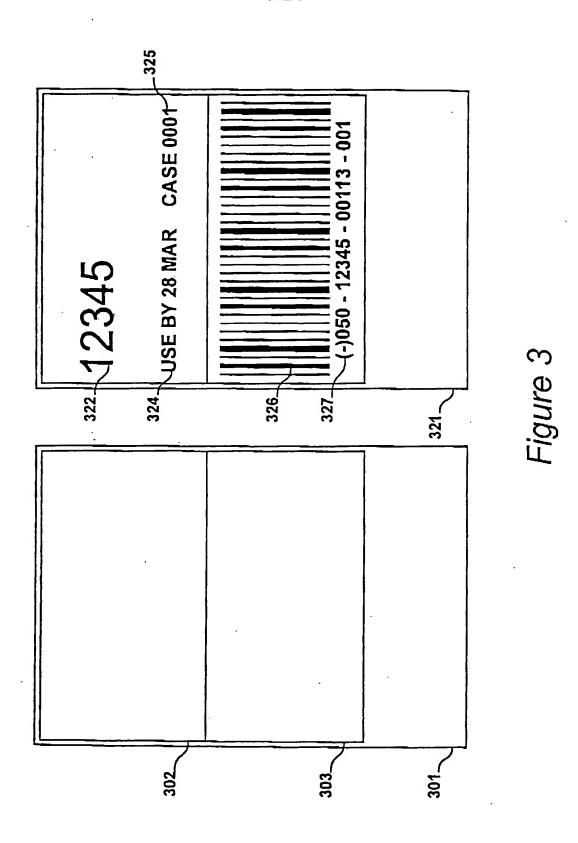


2/23



3/23



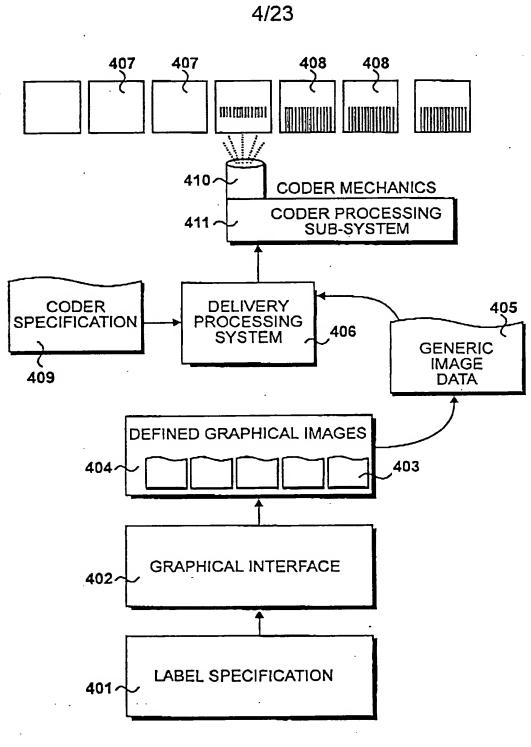
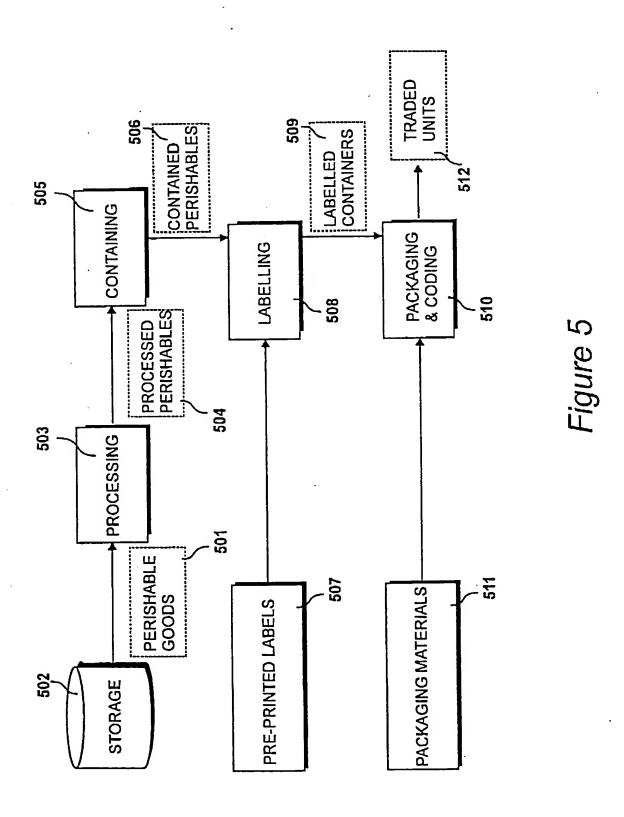


Figure 4

5/23



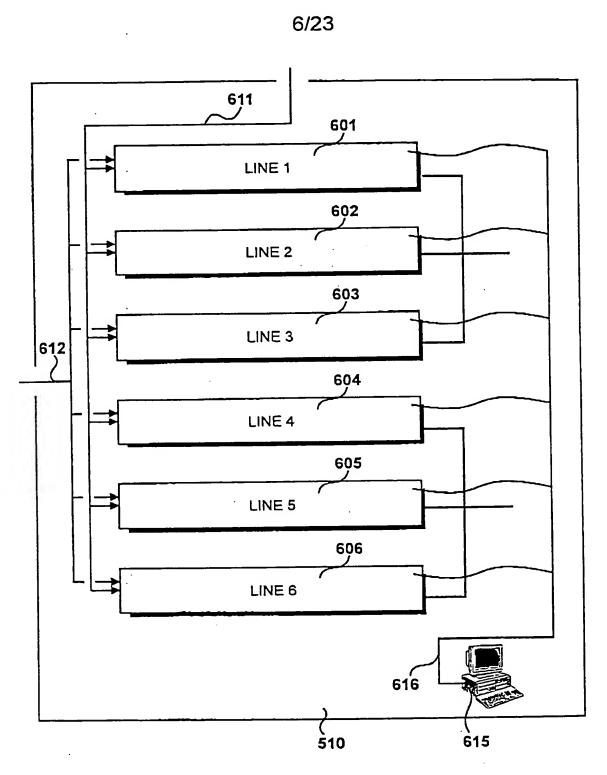
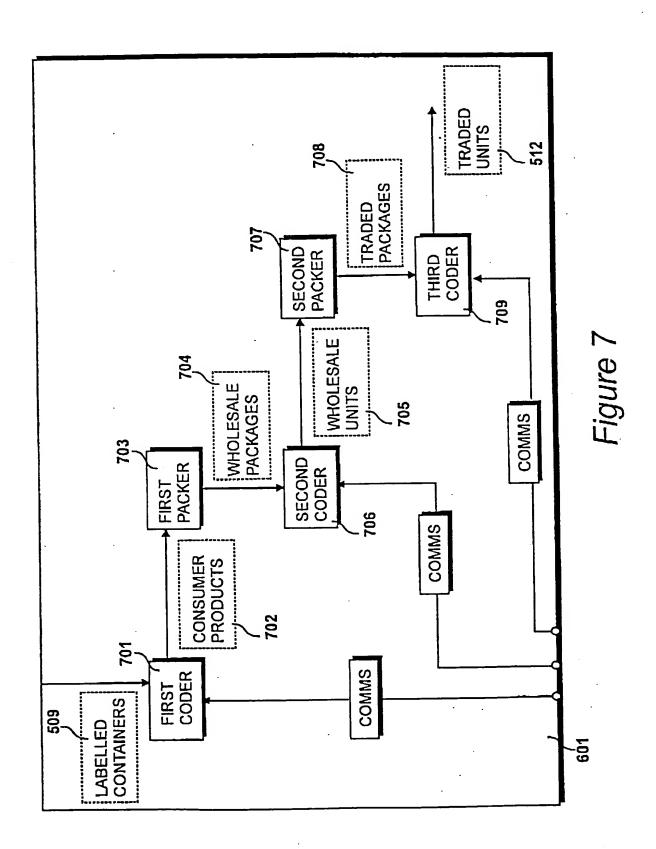


Figure 6

7/23



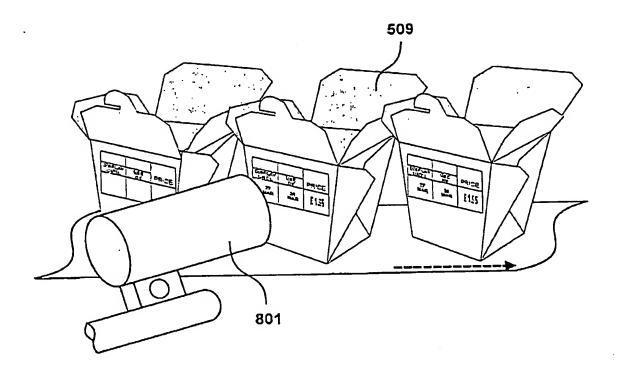
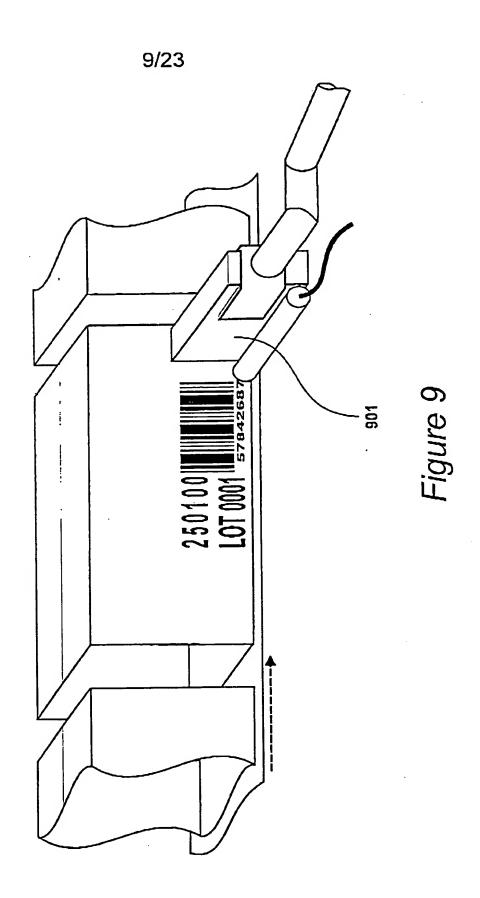


Figure 8



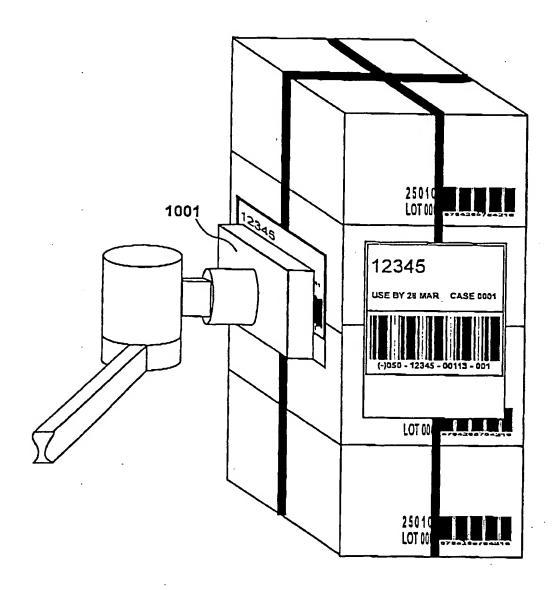


Figure 10

#### . 11/23

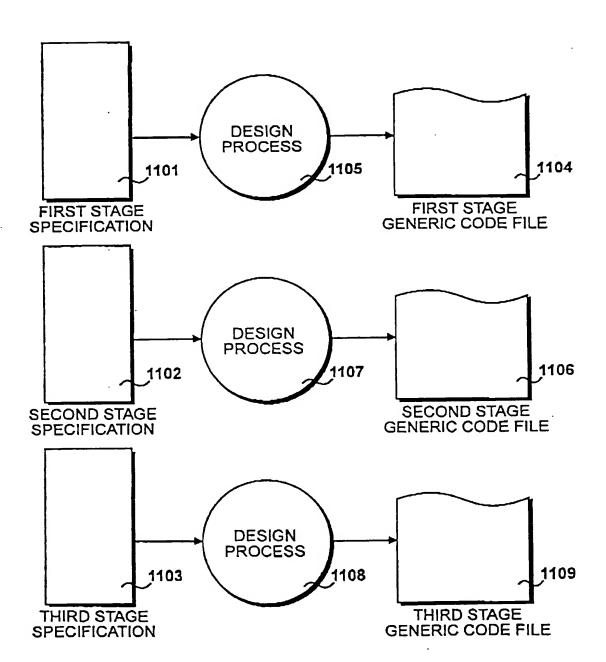


Figure 11

12/23

| 1201 | EAN 13 BARO<br>ONTO PACKA<br>WINDOW                                |  |        |
|------|--|--|--------|
| 1202 | CODE INTO P USE BY DATE PRODUCT DISPLAY UN UBD - 1 DATE PRICE DOUB | TE (UBD)<br>ION DATE +<br>ITIL DATE<br>Y |        |
| 1203 | EXAMPLE:   |  |        |
|      |  |  |        |
|      | DISPLAY<br>UNTIL   | USE<br>BY                                | PRICE  |
|      | 27<br>MAR  | 28<br>MAR                                | £ 1.95 |
|      |  |  |        |
|      | 224  | 225                                      | 226    |
|      |  |  | 1101   |

Figure 12

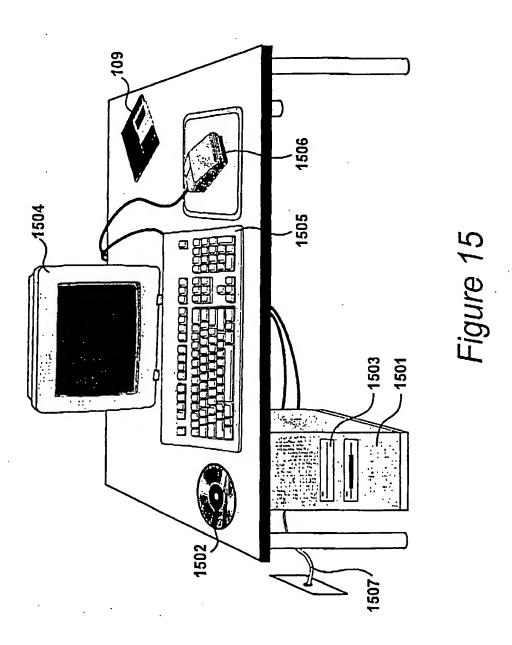
| 1301 | PRODUCT NUMBER IN TEXT        |
|------|-------------------------------|
| 1302 | PRODUCT NUMBER BARCODE        |
| 1303 | USE BY DATE : 250100          |
| 1304 | BATCH NUMBER : LOT 0001       |
| 1305 | EXAMPLE:                      |
|      | 250100 LOT 0001 5784268784216 |
| 1306 | NOTE<br>ARTICLE = 24 PRODUCTS |

Figure 13

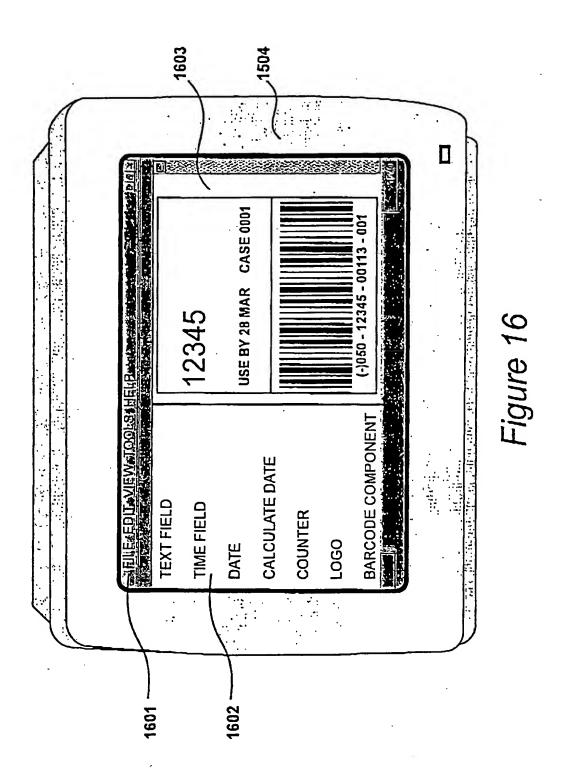
| 1401 | PRODUCT N  | JMBER AS TEXT   |
|------|------------|---|
| 1402 | USE BY DAT | E DAY/MONTH   |
| 1403 | CASE NUMB  | ER "CASE 0001"  |
| 1404 | COMPOSITE  | BARCODE   |
| 1405 | EXAMPLE:   | 12345 USE BY 28 MAR CASE 0001  (-)050 - 12345 - 00113 - 001 |

Figure 14

15/23



16/23



Title: SYSTEM AND METHOD FOR APPLYING CODES ONTO PACKAGED PRODUCTS Inventor: Paul Lawlor

Atty. Ref.: 9637-000006/DVA

# 17/23

| 1701 | GENERIC FILE 1104   |
|------|---|
| 1702 | .FIELD "USE BY" .TYPE :DATE .OFFSET :10 .UNITS :DAYS .ROUNDING :NONE .PROMPT :NO .REF :CURRENT DATE .CALCULATE :YES .[ADDITIONAL PRINT CHARACTERISTICS] |
| 1703 | .FIELD "DISPLAY BY" .TYPE :DATE .OFFSET :-1 .ROUNDING :MIDWEEK .PROMPT :NO .REF :'USE BY' .CALCULATE :YES .[ADDITIONAL PRINT CHARACTERISTICS]           |
| 1704 | .FIELD "PRICE" .TYPE :TEXT .SOURCE :"1-99" .[ADDITIONAL PRINT CHARACTERISTICS]  |

1104

Figure 17

#### 18/23

| 1801 | GENERIC FILE 1106  |
|------|--|
| 1802 | .FIELD "NUMBER" .TYPE :TEXT .SOURCE :[number] .[ADDITIONAL PRINT CHARACTERISTICS]  |
| 1803 | .FIELD "BARCODE 1" .TYPE :BARCODE EAN128 .SOURCE :NUMBER .CALCULATE :YES .[ADDITIONAL PRINT CHARACTERISTICS]   |
| 1804 | .FIELD "USE BY" .TYPE :DATE .OFFSET :10 .UNITS :DAYS .ROUNDING :NONE .PROMPT :NO .REF :CURRENT DATE .CALCULATE :YES .[ADDITIONAL PRINT CHARACTERISTICS]                |
| 1805 | .FIELD "BATCHNO" .TYPE :COUNTER .STEP :1 .ROLLOVER :RESET AT END .CHAR :4 .START :0001 .END :0006 .PROMPT :NO .CALCULATE :AT CODER .[ADDITIONAL PRINT CHARACTERISTICS] |

1106

| 1901 | GENERIC FILE 1109  |
|------|--|
| 1902 | .FIELD "NUMBER" .TYPE :TEXT .SOURCE :"12345" .[ADDITIONAL PRINT_CHARACTERISTICS]   |
| 1903 | .FIELD "USE BY" .TYPE :DATE .OFFSET :10 .UNITS :DAYS .ROUNDING :NONE .PROMPT :NO .REF :CURRENT DATE .CALCULATE :YES .[ADDITIONAL PRINT CHARACTERISTICS]                    |
| 1904 | .FIELD "CASE NUMBER" .TYPE :COUNTER .STEP :1 .ROLLOVER :RESET AT END .CHAR :4 .START :0001 .END :0144 .PROMPT :NO .CALCULATE :AT CODER .[ADDITIONAL PRINT CHARACTERISTICS] |
| 1905 | .FIELD "BARCODE" .TYPE :BARCODE EAN128 .SOURCE :NUMBER+CASE NUMBER+USEBY .CALCULATE :AT CODER .[ADDITIONAL PRINT CHARACTERISTICS]  |

1109

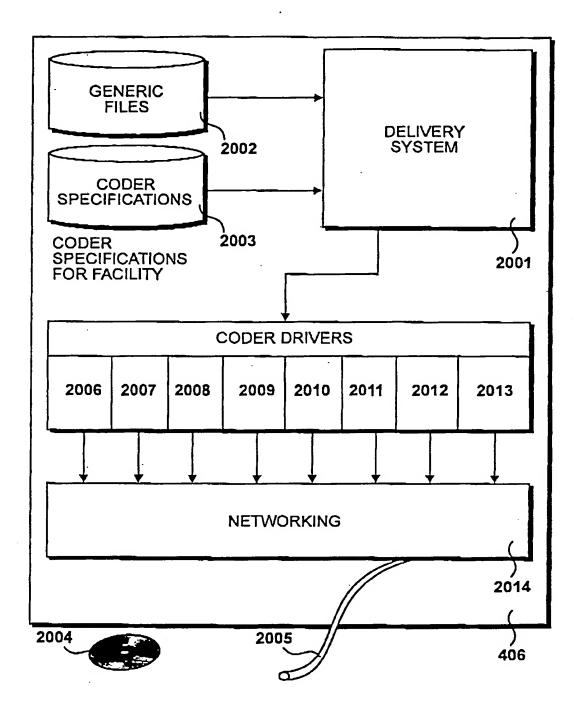


Figure 20

21/23

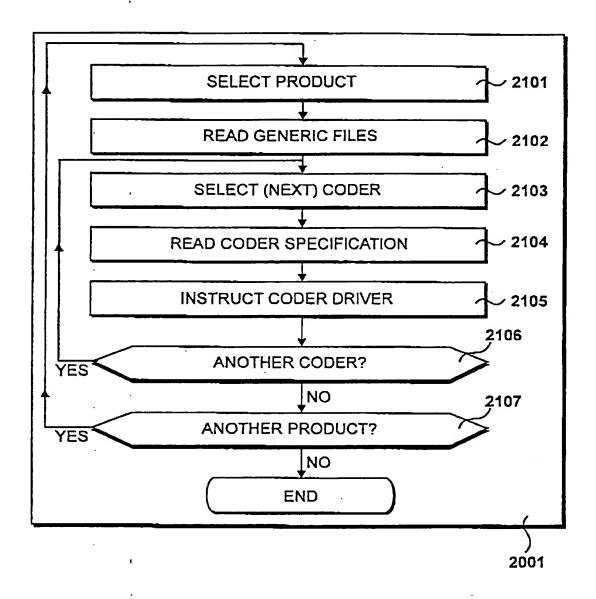


Figure 21

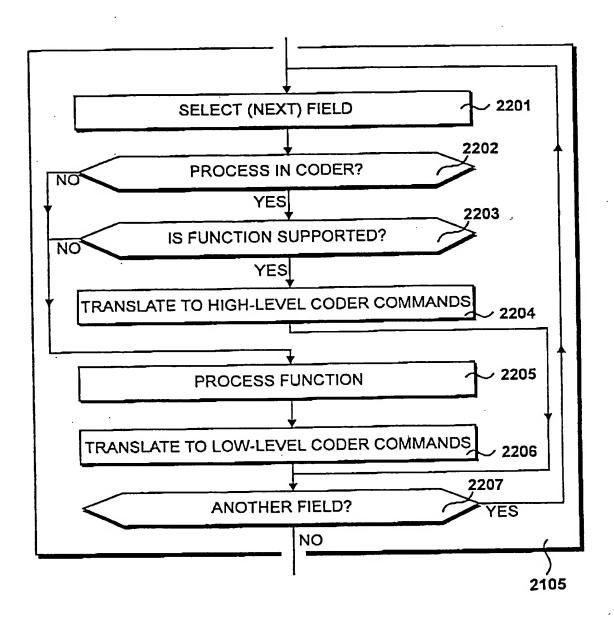


Figure 22

Title: SYSTEM AND METHOD FOR APPLYING CODES ONTO PACKAGED PRODUCTS Inventor: Paul Lawlor Atty. Ref.: 9637-000006/DVA

23/23

|           |                               | PACKAGING LINE                       |   |
|-----------|-------------------------------|--------------------------------------|---|
|           | FIRST CODER                   | SECOND CODER                         | THIRD CODER   |
| DATES     | LEVEL 1                       | LEVEL 2                              | <u>LEVEL 1</u>  |
|           | CAN CALCULATE                 | CAN PRINT DATES                      | CAN CALCULATE   |
|           | DATES                         | FROM STRING                          | DATES   |
| COUNTERS  | LEVEL 3                       | LEVEL 2                              | LEVEL 1   |
|           | CAN ONLY PRINT                | CAN PRINT COUNTERS                   | CAN ONLY PRINT  |
|           | BITMAPS                       | FROM STRING                          | AUTONUMBER  |
| BAR CODES | LEVEL 3                       | LEVEL 2                              | LEVEL 1   |
|           | CAN ONLY PRINT                | CAN PRINT BAR CODE                   | CAN ASSEMBLE AND  |
|           | BITMAPS                       | FROM STRING                          | PRINT BAR CODES   |
| FONTS     | LEVEL 2<br>IN-LINE PRINT ONLY | LEVEL 3<br>CAN ONLY PRINT<br>BITMAPS | LEVEL 1<br>CAN PRINT MANY<br>FONTS IN MANY<br>POSITIONS |